

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electromagnetic ~~Electromagnetic~~ braking device for molten steel flowing into a continuous casting mold (1) having broad-side walls (3, 4) and water tanks (7, 7'), ~~which comprises the braking device comprising~~ at least one magnet coil (2) with a ferromagnetic core (5) assigned to the broad-side walls ~~sides~~ (3, 4) of the mold, wherein the core (5) consists, ~~on the one hand,~~ of a primary part (6) that houses the magnet coil (2), that is movable ~~can be moved by a drive unit (14)~~ to within a certain distance of the broad-side walls (3, 4), and that is disconnected from ~~the oscillation, and, on the other hand,~~ of additional parts (8, 8') that are permanently installed in the water tanks (7, 7') of the mold (1), such that, when the parts of the core (6, 8) are brought together into an ~~in their~~ operating position, the parts (6, 8) ~~they~~ form V-shaped yokes (9, 9') for generating a closed magnetic flux (10) through the water tanks, and when the parts (6, 8) ~~they~~ are moved apart[[,]] the magnetic

flux is interrupted, a drive unit being operatively arranged to move the primary part (16).

2. (Currently amended) Braking device in accordance with Claim 1, wherein the ~~ferromagnetic~~ additional parts (8, 8') installed in the water tanks (7, 7') are ferromagnetic and are assigned to the yokes (9, 9').

3. (Currently Amended) Braking device in accordance with claim 1, wherein vertical recesses (11, 11') are formed in lateral surfaces of the broad-side walls (3, 4) ~~on the lateral surfaces~~ that face the water tanks (7, 7'), and further comprising ferromagnetic filler pieces (12, 12') ~~are~~ fitted into the ~~these~~ recesses.

4. (Currently Amended) Braking device in accordance with Claim 1, wherein the drive unit (14) is a hydraulic actuator or an electric drive, and further comprising guides, the primary part (6) of the core (5) with the magnet coil (2) being movable ~~can be moved~~ in the guides (13, 13') by the ~~means of a~~ hydraulic actuator or electric drive (14) in a ~~the~~ direction perpendicular to the broad-side walls (3, 4).

5. (Currently Amended) Braking device in accordance with Claim 3 [[1]], wherein the filler pieces (12, 12') are of variable length or width and/or depth.

6. (Currently Amended) Braking device in accordance with Claim 4 [[1]], wherein the movable partial core with its primary part (6) and the magnet coil (2), the drive unit (14), and the guides (13), on the one hand, and the additional core parts (8, 8'), which are permanently installed, ~~especially by welding, in the~~ water tanks (7, 7') of the mold (1), on the other hand, are held together by magnetic forces at contact points (16, 16') and do not form a fixed mechanical connection ~~at their contact points (16, 16')~~ but rather are held together by magnetic forces.

7. (Currently Amended) Braking device in accordance with Claim 6 [[1]], wherein the contact points (16, 16') are designed as friction bearings or roller bearings (17, 17') having, whose parts (18, 18') assigned to the water tanks (7, 7') so as are caused, ~~together with the water tanks,~~ to oscillate with the mold (1) together with the water tanks, and ~~while the~~ parts assigned to the primary part (6) of the core (5) and the magnet coil (2),

including the drive unit (14) and the guides (13), so as to be
~~are~~ disconnected from ~~the~~ oscillation.

8. (Currently Amended) Braking device in accordance with Claim
7 [[1]], wherein the sliding friction of the a friction bearing
(17, 17') is at least substantially ~~mostly~~ eliminated in the
region of the contact points (16, 16') by an anti friction layer
(18, 18'), ~~especially an air cushion~~.

9. (Currently Amended) Braking device in accordance with Claim
8, wherein the antifriction layer is an air cushion formed ~~is~~
~~maintained by introducing~~ compressed air introduced into the
central region of the contact points (16, 16').